JVC

SERVICE MANUAL

PORTABLE COMPONENT SYSTEM

PC-X300 A/G/V

The PC-X300 A/G/V manual has been created with the PC-X300 B/E/G (No. 1758) manual as the original. Use the two manuals together when carrying out repairs and at other times.

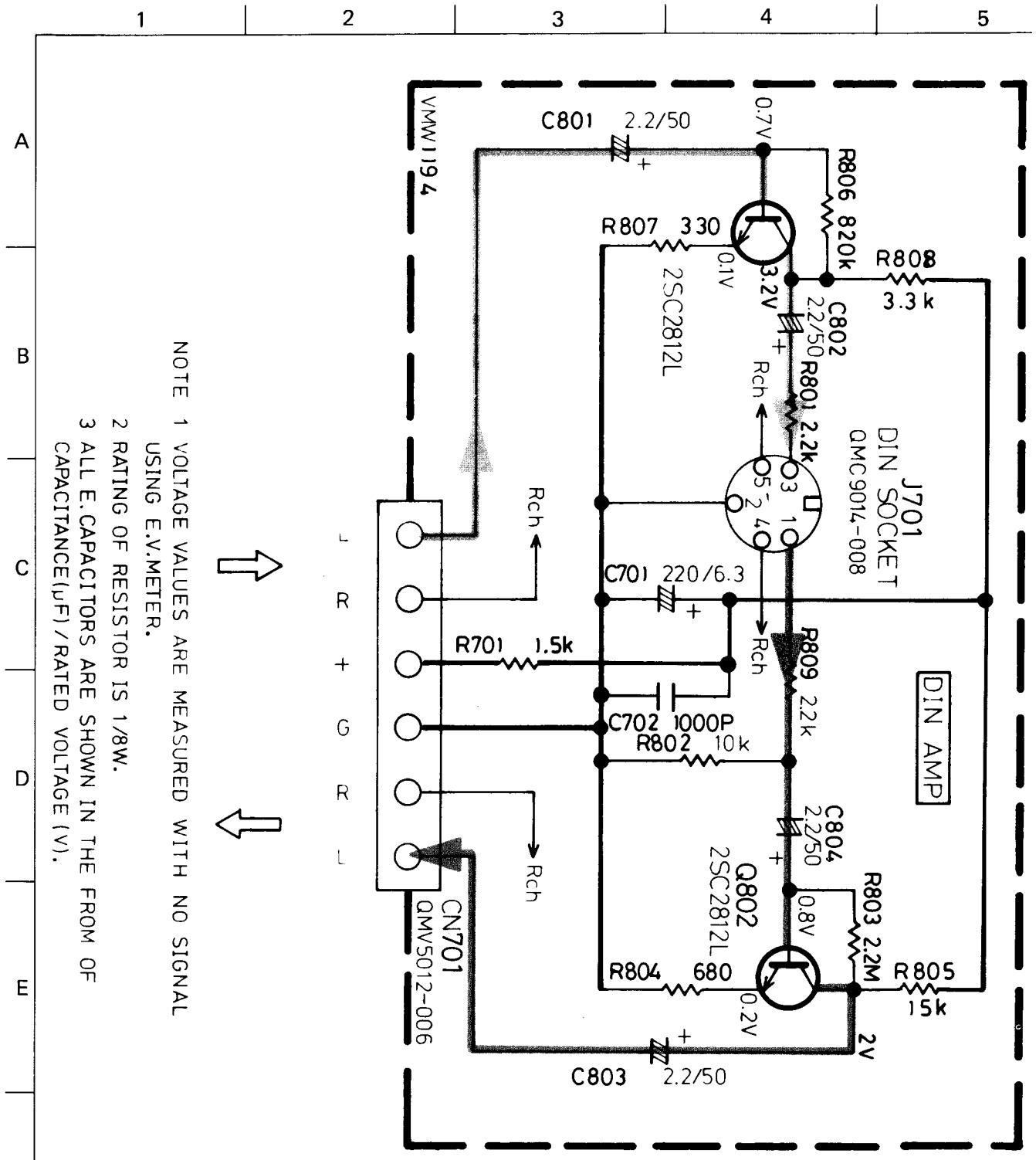
The contents of the new manual are as follows:

DIN Circuit (G Version)
Amplifier Circuit (G Version)
CD Circuit
Tuner/DTS Circuit (A Version)
Location of P.C. Board Parts List
- Main Board (G Version)
- DIN Board (G Version)
- CD Board
- Tuner Board (A Version)
- Wiring Connection
- Comparison Table

No. 1758B
December 1988

Standard Schematic Diagram

■ Din Circuit (G Version)



NOTE 1 VOLTAGE VALUES ARE MEASURED WITH NO SIGNAL USING E.V.METER.

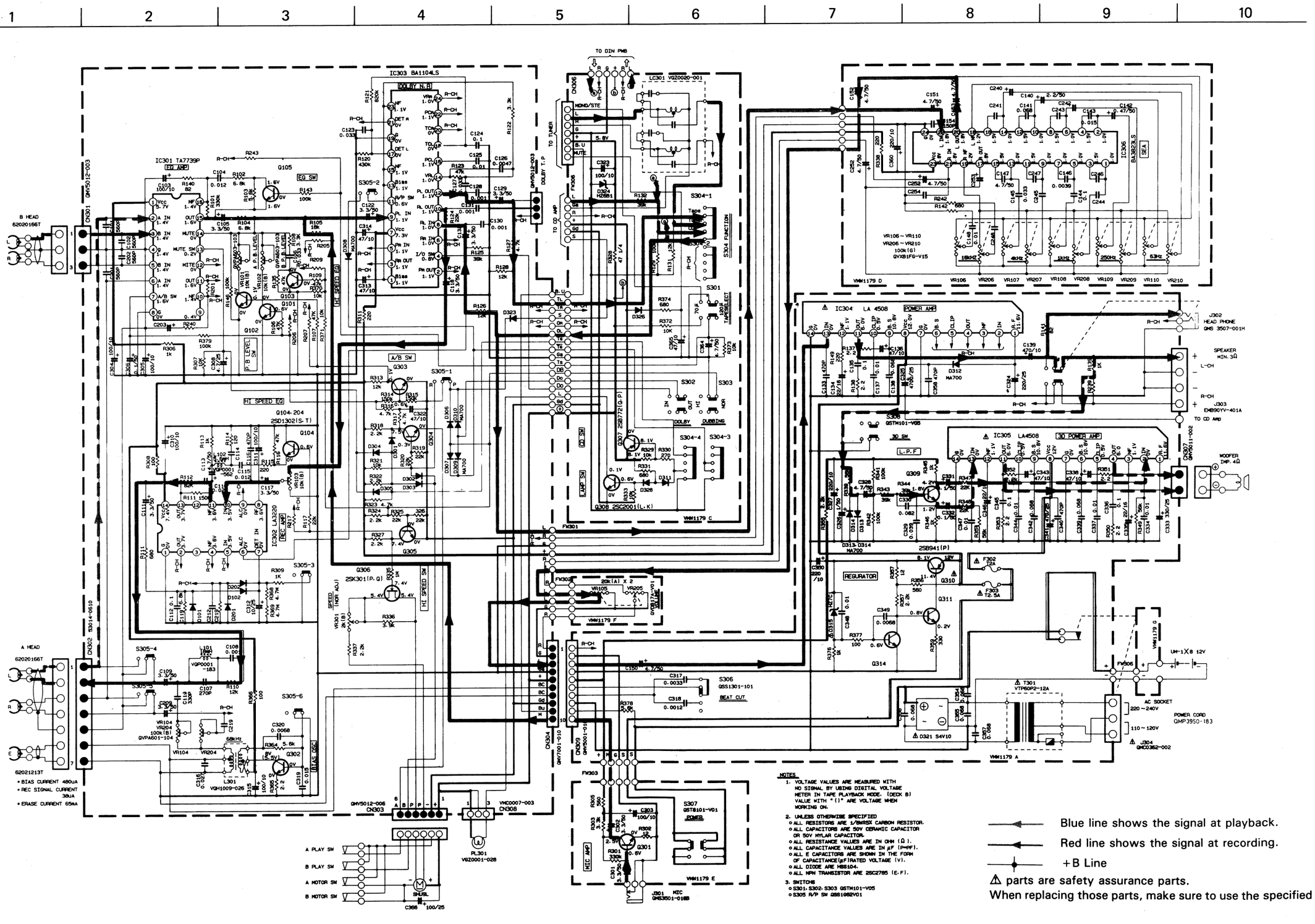
2 RATING OF RESISTOR IS 1/8W.

3 ALL E.CAPACITORS ARE SHOWN IN THE FROM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

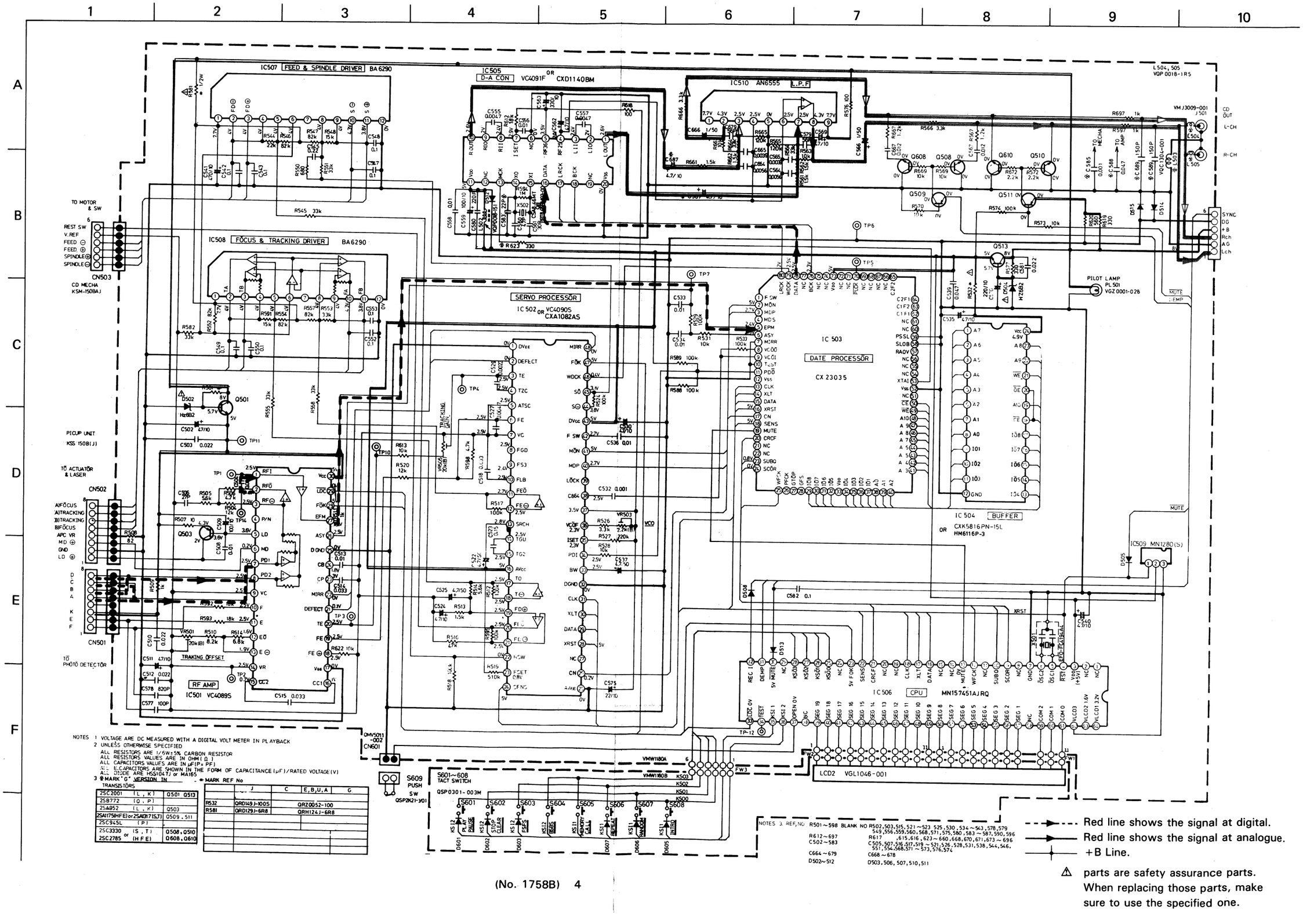
Blue line shows the signal at playback.

Red line shows the signal at recording.

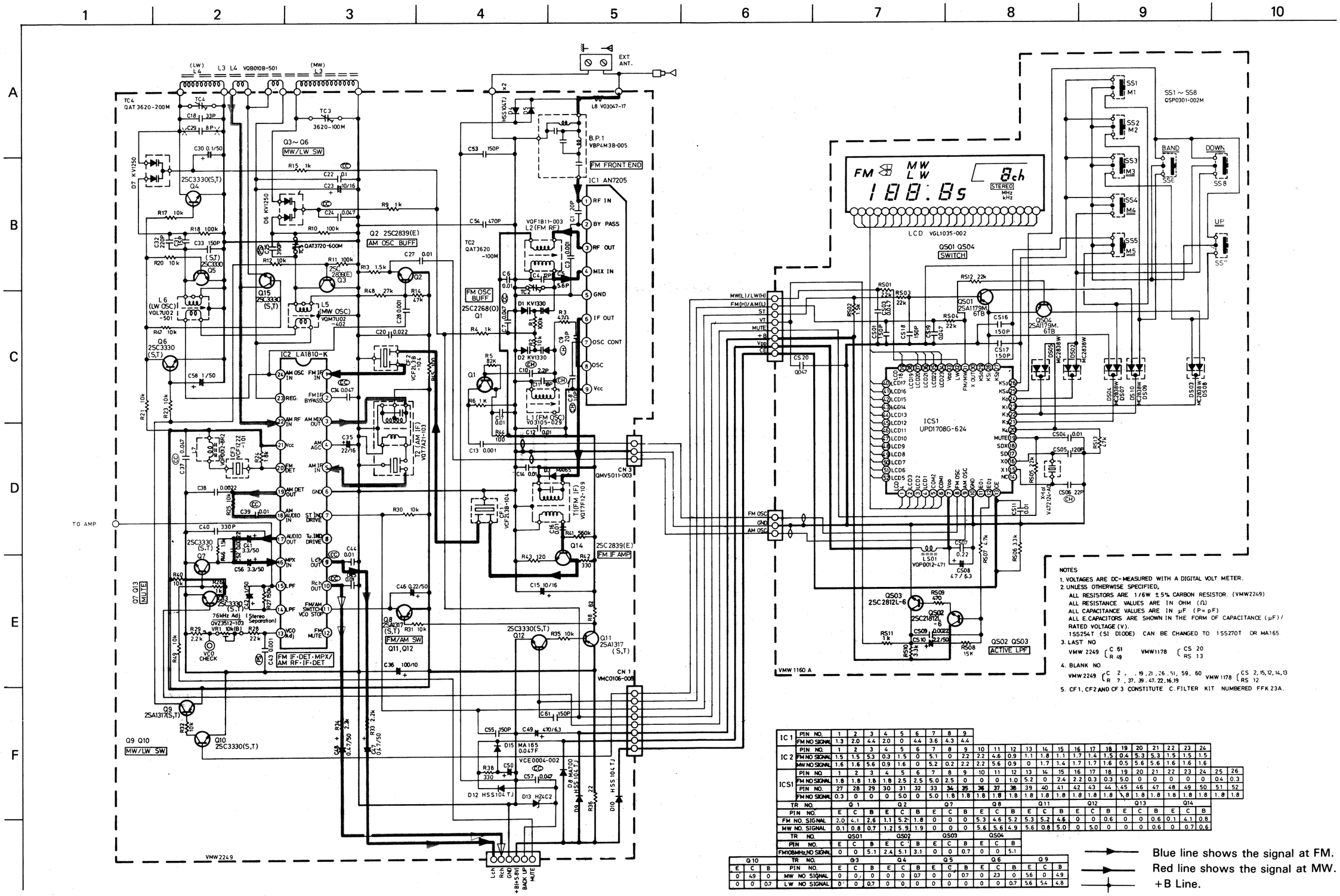
■ Amplifier Circuit (G Version)


1
2
3
4
5
6
7
8
9
10
A
B
C
D
E
F
IC303 BA1104LS
IC301 TA7739P
IC302 LA3220
IC304 LA 4508
IC305 LA4508
IC306 BA3823LS
Q105
Q104
Q103
Q102
Q101
Q303
Q305
Q306
Q307
Q309
Q310
Q311
Q314
Q301
Q302
Q104 2SD1302(S-T)
Q306 2SK301(P,Q)
Q307 2SB772(Q,P)
Q309 2SB941(P)
Q307 2SC2001(L,K)
Q301 2SC2785 (E,F)
CN301
CN302
CN303
CN304
CN305
CN306
CN307
CN308
CN309
FW301
FW302
FW303
FW304
FW305
FW306
S301
S302
S303
S304-1
S304-3
S304-4
S305-1
S305-2
S305-3
S305-4
S305-5
S305-6
S306
S307
S308
TO DIN PWB
TO TUNER
TO CD AMP
DOLBY T.P
A HEAD
B HEAD
62020166T
62021213T
CN302 53014-0610
CN303
CN308 VHC0007-003
PL301 VGZ0001-028
J301 MIC GMS3501-016B
J302 HEAD PHONE GMS 3507-001H
J303 EMB90YV-401A
J304 GMC0362-002
SPEAKER MIN. 3Ω
WOOFER IMP. 4Ω
AC SOCKET 220~240V
110~120V
POWER CORD QMP3950-183
UM-1X8 12V
T301 VTM60P2-12A
F301 T2.5A
F302 T2A
F303 T2.5A
DOLBY N.R
EQ AMP
EQ SW
HI SPEED EQ
A/B SW
P.B LEVEL SW
REC AMP
BIAS OSC
DOLBY
DUBBING
TAPE SELECT
BEAT CUT
POWER AMP
30 POWER AMP
REGULATOR
MIC AMP
A PLAY SW
B PLAY SW
A MOTOR SW
B MOTOR SW
VWH1179 A
VWH1179 C
VWH1179 D
VWH1179 E
VWH1179 F
VR106 ~ VR110
VR206 ~ VR210
100k(G)
QVX81FG-V15
VR104
VR204
100k(B)
QVPA601-104
VR105
VR205
20k(A) X 2
QVPA601-103
VR101
VR102
VR103
10k(B)
QVP0001-183
VR301
2k(B)
SPEED TUNER ADJ
QMV5012-003
QMV5012-006
QMV5001-010
QMV7001-010
QST8101-V01
QST8101-V05
QSS1082V01
QSS1301-101
VGH1009-026
VGP0001-562
VGP0001-183
VGZ0001-028
VGZ0001-029
VGZ0001-030
VQZ0020-001
VMC0007-003
GMS3501-016B
GMS3507-001H
EMB90YV-401A
GMC0362-002
QMP3950-183
VTM60P2-12A
QVX81FG-V15
QVPA601-104
QVP0001-183
QMV5001-010
QMV7001-010
QMV5012-003
QMV5012-006
QSS1082V01
QSS1301-101
QST8101-V01
QST8101-V05

■ CD Circuit


IC507 FEED & SPINDLE DRIVER BA6290
IC505 D-A CON VC4091F OR CXD1140BM
IC510 AN6555 L.P.F
IC508 FOCUS & TRACKING DRIVER BA6290
SERVO PROCESSOR
IC502 OR VC4090S CXA1082AS
IC 503
DATE PROCESSOR
CX 23035
IC 504 BUFFER
CXK5816PN-15L
OR HM6116P-3
IC506 CPU MN157451AJRQ
IC509 MN1280(S)
RF AMP
IC501 VC4089S
CN503
CD MECHA KSM-1508AJ
CN502
CN501
CN601
PICUP UNIT KSS 1508(J)
TO MOTOR & SW
TO ACTUATOR & LASER
TO PHOTO DETECTOR
REST SW
V. REF
FEED ⊖
FEED ⊕
SPINDLE ⊕
SPINDLE ⊖
TRAKING OFFSET
PILOT LAMP PL 501 VGZ 0001-028
MUTE
LCD2 VGL1046-001
S609 PUSH SW QSP2K21-V01
S601~608 TACT SWITCH QSP0301-003M
S601 PLAY PAUSE
S602 STOP CLEAR
S603 FSPS
S604 MEMORY CALL
S605 SPECIAL
S606
S607
S608 INTRO
L504, 505 VQP 0018-1R5
VM J3009-001 J501
CD OUT
L-CH
R-CH
SYNC
DG
+B
Rch
AG
Lch
VQC1304-001
VQC1303-001
Q608
Q508
Q610
Q510
Q509
Q511
Q513
D515
D514
D502
Hz6B2
Q501
Q503
D513
D508
D505
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP10
TP11
TP12
TP14
VR501
VR502
VR503
X501
X502
RF
RFO
LD
MD
PD1
PD2
VC
E
EO
VR
CC2
DEFECT
TE
FE
SRCH
TG1
TG2
AVcc
TO
FD
FL
FSW
RESET
SENS
F SW
MON
MDP
MDS
EPM
ASY
MIRR
VCOI
TEST
PDO
Vss
CLK
XLT
DATA
XRST
CN
SENS
MUTE
CRCF
SUBQ
SCOR
WFCK
PFCK
GFS
GTOP
FW1
FW2
FW3
VMW1180A
VMW1180B
KS01
KS02
KS00
KS03
KS11
KS12
D601
D602
D603
D604
D605
D606
D607
NOTES 1 VOLTAGE ARE DC MEASURED WITH A DIGITAL VOLT METER IN PLAYBACK
2 UNLESS OTHERWISE SPECIFIED
ALL RESISTORS ARE 1/6W±5% CARBON RESISTOR
ALL RESISTORS VALUES ARE IN OHM (Ω)
ALL CAPACITORS VALUES ARE IN μF(P: PF)
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE(V)
ALL DIODE ARE HSS104(J) or MA165
3 ※MARK'G' VERSION IN - ※MARK REF No
TRANSISTORS
2SC2001 (L, K) Q501 Q513
2SB772 (O, P)
2SA952 (L, K) Q503
2SA1175(HFE) or 2SA917(S,T) Q509, 511
2SC945L (P)
2SC3330 (S, T) Q508, Q510
2SC2785 or (H FE) Q608, Q610
R532 ORD1493-100S QRZ0052-100
R581 ORD1293-6R8 QRH1243-6R8
NOTES 3. REF.NO R501~598 BLANK NO R502,503,515,521~523,525,530,534~543,578,579
549,556,559,560,568,571,575,580,583~587,590,596
R612~697 R617 ,615,616,623~660,668,670,671,673~696
C502~583 C505,507,516,517,519~521,526,528,531,538,544,546,
551,554,568,571~573,576,574
C664~679 C668~678
D502~512 D503,506,507,510,511
Red line shows the signal at digital.
Red line shows the signal at analogue.
+B Line.
⚠ parts are safety assurance parts. When replacing those parts, make sure to use the specified one.

■ Tuner/DTS Circuit (A Version)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. UNLESS OTHERWISE SPECIFIED,
   ALL RESISTORS ARE 1/6W ±5% CARBON RESISTOR. (VMW2249)
   ALL RESISTANCE VALUES ARE IN OHM (Ω)
   ALL CAPACITANCE VALUES ARE IN μF (P=pF)
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/ RATED VOLTAGE (V).
   1SS254T (SI DIODE) CAN BE CHANGED TO 1SS270T OR MA165
3. LAST NO
   VMW 2249 (C 61, R 49) VMW1178 (CS 20, RS 13)
4. BLANK NO
   VMW 2249 (C 2, , 19, 21, 26, 51, 59, 60; R 7, 37, 39, 47, 22, 16, 19) VMW 1178 (CS 2, 15, 12, 14, 13; RS 12)
5. CF1, CF2 AND CF3 CONSTITUTE C.FILTER KIT NUMBERED FFK 23A.

IC1	PIN NO.	1	2	3	4	5	6	7	8	9
	FM NO SIGNAL	1.3	2.0	4.4	2.0	0	4.4	3.6	4.3	4.4

IC2	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	FM NO SIGNAL	1.5	1.5	5.3	0.3	1.5	0	5.1	0	2.2	2.2	4.6	0.9	1.1	1.8	1.1	1.7	1.4	1.5	0.4	5.3	5.3	1.5	1.5	1.5
	MW NO SIGNAL	1.6	1.6	5.6	0.9	1.6	0	5.2	0.2	2.2	2.2	5.6	0.9	0	1.7	1.4	1.7	1.7	1.6	0.5	5.6	5.6	1.6	1.6	1.6

ICS1	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	FM NO SIGNAL	1.8	1.8	1.8	1.8	2.5	2.5	5.0	2.5	0	0	0	1.0	5.2	0	2.4	2.2	0.3	0.3	5.0	0	0	0	0	0	0.4	0.3
	PIN NO.	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
	FM NO SIGNAL	0.3	0	0	0	5.0	0	5.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

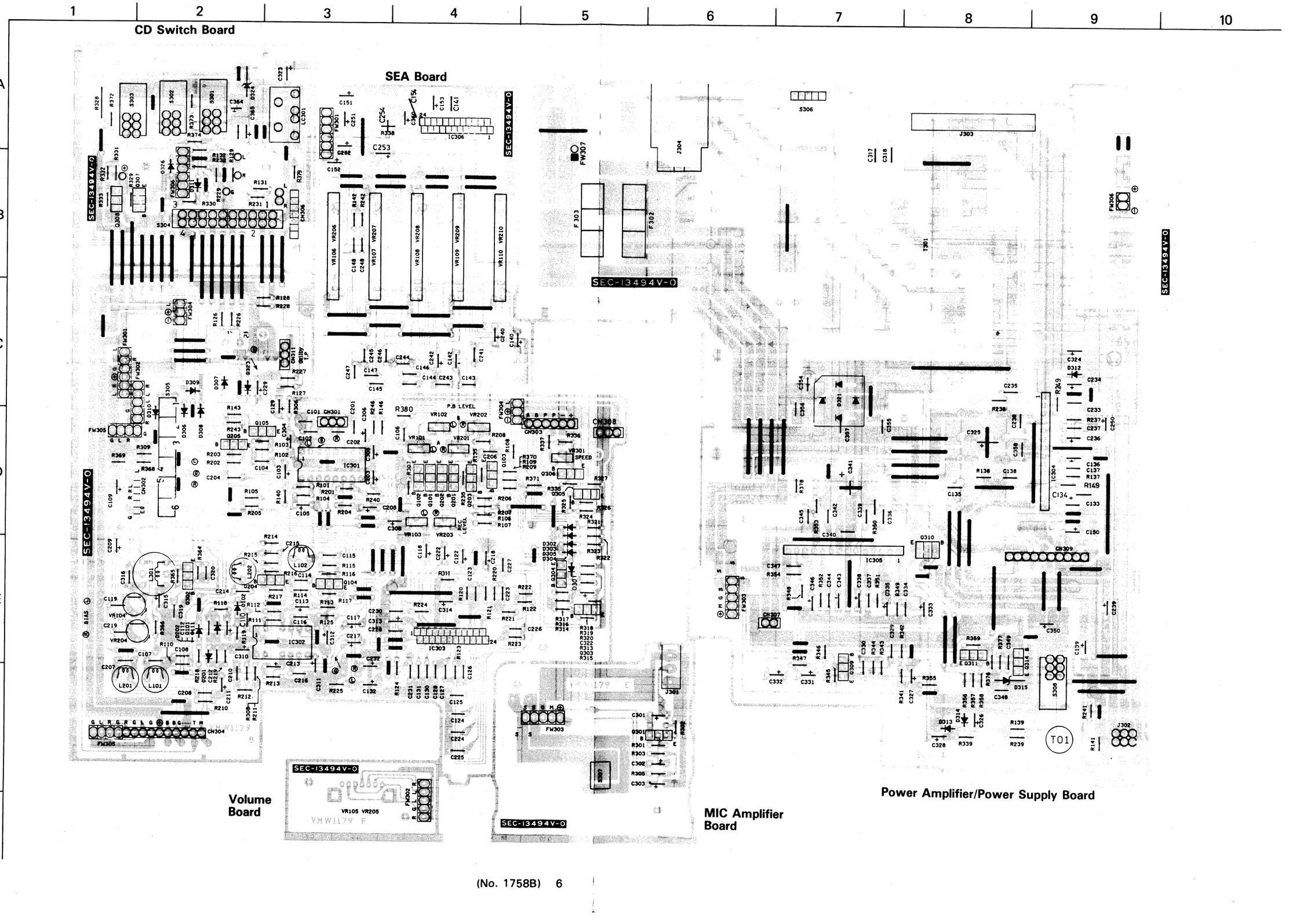
TR NO.	Q1			Q2			Q7			Q8			Q11			Q12			Q13			Q14		
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
FM NO. SIGNAL	2.0	4.1	2.6	1.1	5.2	1.8	0	0	0	5.3	4.6	5.2	5.3	5.2	4.6	0	0	0.6	0	0	0.6	0.1	4.1	0.8
MW NO. SIGNAL	0.1	0.8	0.7	1.2	5.5	1.9	0	0	0	5.6	5.6	4.9	5.6	0.8	5.0	0	5.0	0	0	0	0.6	0	0.7	0.6

TR NO.	QS01			QS02			QS03			QS04		
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B
FM108MHz NO SIGNAL	0	0	5.1	2.4	5.1	3.1	0	0	0.7	0	0	5.1

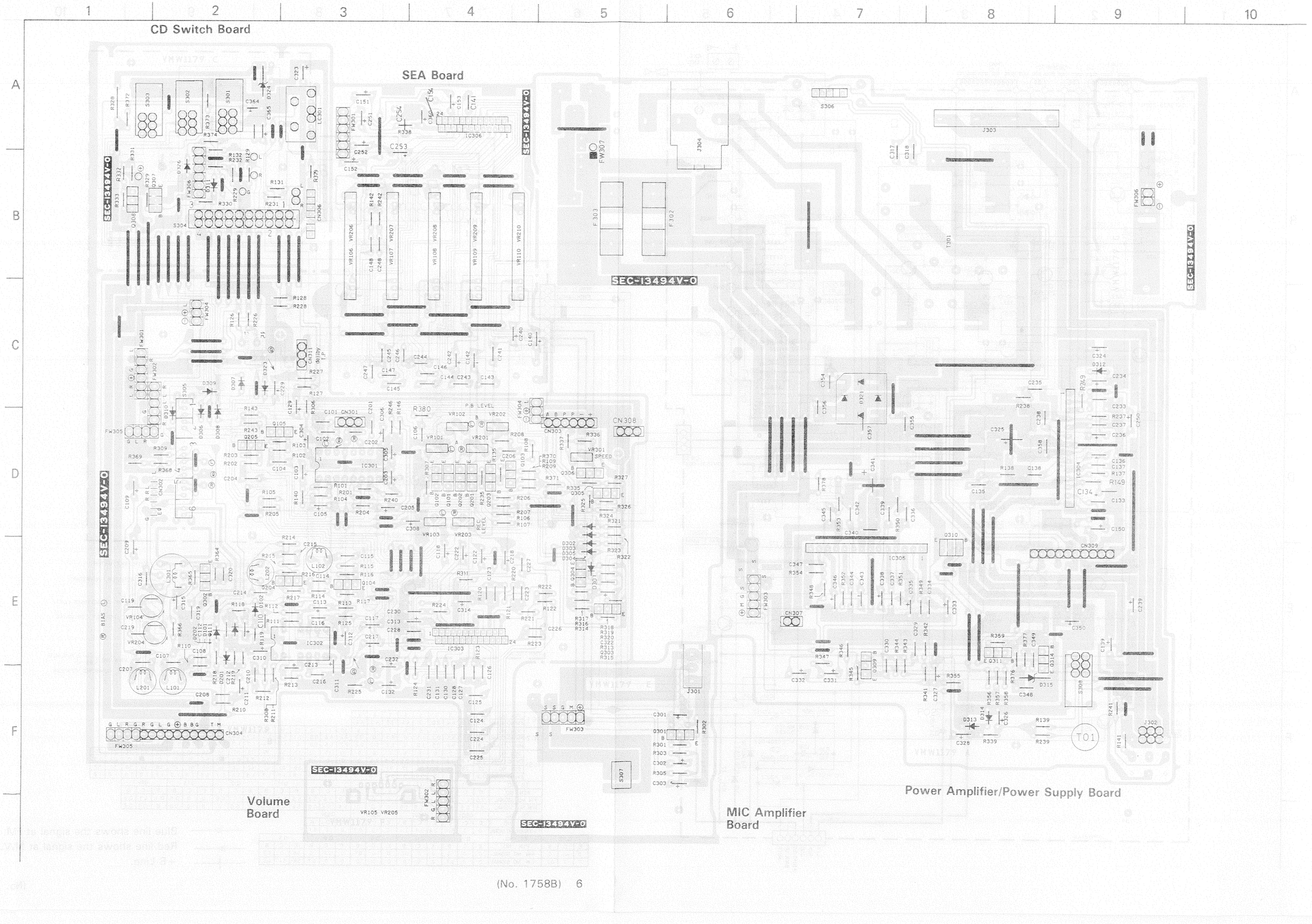
Q10			TR NO.	Q3			Q4			Q5			Q6			Q9		
E	C	B	PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
0	4.9	0	MW NO SIGNAL	0	0	0	0	0	0.7	0	0	0.7	0	2.3	0	5.6	0	4.9
0	0	0.7	LW NO SIGNAL	0	0	0.7	0	0	0	0	0	0	0	0	0.7	5.6	5.4	4.8

Blue line shows the signal at FM.
Red line shows the signal at MW.
+B Line.

Location of P.C. Board Parts and Parts List ■ Main Board (G Version)



Location of P.C. Board Parts and Parts List ■ Main Board (G Version)



Main Board Parts List (G Version)

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF. NO	PARTS NO.	PARTS NAME
	D201	HSS104TJ	SI DIODE
	D202	HSS104TJ	SI DIODE
	CN301	QMV5012-003	CONNECTOR
	CN302	53014-0710	CONNECTOR
	CN303	QMV5012-006	CONNECTOR
	CN304	QMV7001-010	CONNECTOR
	CN306	VMC0106-R07	CONNECTOR
	CN307	QMV5011-002	CONNECTOR
	CN308	VMC0007-003	CONNECTOR
	CN309	QMV5001-010	CONNECTOR
	CN311	QMV5012-003	CONNECTOR
	C101	QCBB1HK-561Y	C.CAPACITOR
	C102	QCBB1HK-561Y	C.CAPACITOR
	C103	QETC1AM-107ZM	E.CAPACITOR
	C104	QCC31EM-123ZV	C.CAPACITOR
	C105	QETC1HM-335ZM	E.CAPACITOR
	C106	QCC31EM-333ZV	C.CAPACITOR
	C107	QCS31HJ-271Z	C.CAPACITOR
	C108	QCBB1HK-102Y	C.CAPACITOR
	C109	QETC1HM-335ZM	E.CAPACITOR
	C110	QCC31EM-273ZV	C.CAPACITOR
	C111	QETC1HM-335ZM	E.CAPACITOR
	C112	QCC31EM-104ZV	C.CAPACITOR
	C113	QETC1HM-475ZM	E.CAPACITOR
	C114	QCY31HK-822Z	C.CAPACITOR
	C115	QCC31EM-123ZV	C.CAPACITOR
	C116	QCBB1HK-471Y	C.CAPACITOR
	C117	QETC1HM-335ZM	E.CAPACITOR
	C118	QETC1HM-335ZM	E.CAPACITOR
	C119	QCBB1HK-331Y	C.CAPACITOR
	C122	QETC1HM-335ZM	E.CAPACITOR
	C123	QCC31EM-333ZV	C.CAPACITOR
	C124	QFV11HJ-104ZM	TF CAPACITOR
	C125	QFV11HJ-103ZM	TF CAPACITOR
	C126	QFN31HJ-472Z	M.CAPACITOR
	C127	QFV71HJ-333ZM	TF.CAPACITOR
	C128	QCBB1HK-102Y	C.CAPACITOR
	C129	QETC1HM-335ZM	E.CAPACITOR
	C130	QCBB1HK-102Y	C.CAPACITOR
	C131	QCBB1HK-331Y	C.CAPACITOR
	C132	QETC1HM-335ZM	E.CAPACITOR
	C133	QCBB1HK-471Y	C.CAPACITOR
	C134	QETC1AM-226ZM	E.CAPACITOR
	C135	QCC31EM-104ZV	C.CAPACITOR
	C136	QETC1AM-476ZM	E.CAPACITOR
	C137	QCVB1CM-103Y	C.CAPACITOR
	C138	QCC31EM-683ZV	C.CAPACITOR
	C139	QETC1AM-477ZN	E.CAPACITOR
	C140	QETC1HM-225ZM	E.CAPACITOR
	C141	QCC31EM-683ZV	C.CAPACITOR
	C142	QETC1HM-474ZM	E.CAPACITOR
	C143	QCC31EM-153ZV	C.CAPACITOR
	C144	QCC31EM-104ZV	C.CAPACITOR
	C145	QCC31EM-333ZV	C.CAPACITOR
	C146	QCXB1CM-392Y	C.CAPACITOR
	C147	QCBB1HK-821Y	C.CAPACITOR
	C148	QCVB1CM-103Y	C.CAPACITOR
	C150	QETC1HM-475ZM	E.CAPACITOR
	C151	QETC1HM-475ZM	E.CAPACITOR
	C152	QETC1HM-475ZM	E.CAPACITOR
	C153	QETC1HM-475ZM	E.CAPACITOR
	C154	QCS31HJ-151Z	C.CAPACITOR
	C201	QCBB1HK-561Y	C.CAPACITOR
	C202	QCBB1HK-561Y	C.CAPACITOR
	C203	QETC1AM-107ZM	E.CAPACITOR
	C204	QCC31EM-123ZV	C.CAPACITOR
	C205	QETC1HM-335ZM	E.CAPACITOR
	C206	QCC31EM-333ZV	C.CAPACITOR
	C207	QCS31HJ-271Z	C.CAPACITOR
	C208	QCBB1HK-102Y	C.CAPACITOR
	C209	QETC1HM-335ZM	E.CAPACITOR
	C210	QCC31EM-273ZV	C.CAPACITOR
	C211	QETC1HM-335ZM	E.CAPACITOR
	C212	QCC31EM-104ZV	C.CAPACITOR
	C213	QETC1HM-475ZM	E.CAPACITOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	C214	QCY31HK-822Z	C.CAPACITOR
	C215	QCC31EM-123ZV	C.CAPACITOR
	C216	QCBB1HK-471Y	C.CAPACITOR
	C217	QETC1HM-335ZM	E.CAPACITOR
	C218	QETC1HM-335ZM	E.CAPACITOR
	C219	QCBB1HK-331Y	C.CAPACITOR
	C222	QETC1HM-335ZM	E.CAPACITOR
	C223	QCC31EM-333ZV	C.CAPACITOR
	C224	QFV11HJ-104ZM	TF CAPACITOR
	C225	QFV11HJ-103ZM	TF CAPACITOR
	C226	QFN31HJ-472Z	M.CAPACITOR
	C227	QFV71HJ-333ZM	TF.CAPACITOR
	C228	QCBB1HK-102Y	C.CAPACITOR
	C229	QETC1HM-335ZM	E.CAPACITOR
	C230	QCBB1HK-102Y	C.CAPACITOR
	C231	QCBB1HK-331Y	C.CAPACITOR
	C232	QETC1HM-335ZM	E.CAPACITOR
	C233	QCBB1HK-471Y	C.CAPACITOR
	C234	QETC1AM-226ZM	E.CAPACITOR
	C235	QCC31EM-104ZV	C.CAPACITOR
	C236	QETC1AM-476ZM	E.CAPACITOR
	C237	QCVB1CM-103Y	C.CAPACITOR
	C238	QCC31EM-683ZV	C.CAPACITOR
	C239	QETC1AM-477ZN	E.CAPACITOR
	C240	QETC1HM-225ZM	E.CAPACITOR
	C241	QCC31EM-683ZV	C.CAPACITOR
	C242	QETC1HM-474ZM	E.CAPACITOR
	C243	QCC31EM-153ZV	C.CAPACITOR
	C244	QCC31EM-104ZV	C.CAPACITOR
	C245	QCC31EM-333ZV	C.CAPACITOR
	C246	QCXB1CM-392Y	C.CAPACITOR
	C247	QCBB1HK-821Y	C.CAPACITOR
	C248	QCVB1CM-103Y	C.CAPACITOR
	C250	QETC1HM-475ZM	E.CAPACITOR
	C251	QETC1HM-475ZM	E.CAPACITOR
	C252	QETC1HM-475ZM	E.CAPACITOR
	C253	QETC1HM-475ZM	E.CAPACITOR
	C254	QCS31HJ-151Z	C.CAPACITOR
	C301	QETC1HM-335ZM	E.CAPACITOR
	C302	QETC1HM-335ZM	E.CAPACITOR
	C303	QETC1AM-107ZM	E.CAPACITOR
	C304	QETC1AM-107ZM	E.CAPACITOR
	C305	QETC1AM-107ZM	E.CAPACITOR
	C306	QETC1HM-104ZN	E.CAPACITOR
	C308	QETC1HM-475ZM	E.CAPACITOR
	C310	QETC1AM-107ZM	E.CAPACITOR
	C311	QETC1AM-107ZM	E.CAPACITOR
	C312	QETC1CM-106ZM	E.CAPACITOR
	C313	QETC1AM-476ZM	E.CAPACITOR
	C314	QETC1AM-476ZM	E.CAPACITOR
	C315	QETC1AM-107ZM	E.CAPACITOR
	C316	QFV81HJ-273	TF.CAPACITOR
	C317	QFN31HJ-152Z	M.CAPACITOR
	C318	QFN31HJ-332Z	M.CAPACITOR
	C319	QCC31EM-153ZV	C.CAPACITOR
	C320	QCXB1CM-682Y	C.CAPACITOR
	C322	QETC1AM-476ZM	E.CAPACITOR
	C323	QETC1AM-107ZM	E.CAPACITOR
	C324	QETC1EM-227ZM	E.CAPACITOR
	C325	QETB1EM-478	E.CAPA.
	C326	QETC1HM-105ZM	E.CAPACITOR
	C327	QETC1AM-227ZM	E.CAPACITOR
	C328	QETC1HM-474ZM	E.CAPACITOR
	C329	QFV71HJ-393ZM	TF.CAPACITOR
	C330	QFV71HJ-823ZM	TF.CAPACITOR
	C331	QCC31EM-104ZV	C.CAPACITOR
	C332	QCC31EM-104ZV	C.CAPACITOR
	C333	QETB1EM-337N	E.CAPACITOR
	C334	QCVB1CM-103Y	C.CAPACITOR
	C335	QETC1AM-226ZM	E.CAPACITOR
	C336	QCC31EM-104ZV	C.CAPACITOR
	C337	QCVB1CM-103Y	C.CAPACITOR
	C338	QETC1AM-476ZM	E.CAPACITOR
	C339	QCC31EM-683ZV	C.CAPACITOR
	C340	QCBB1HK-471Y	C.CAPACITOR

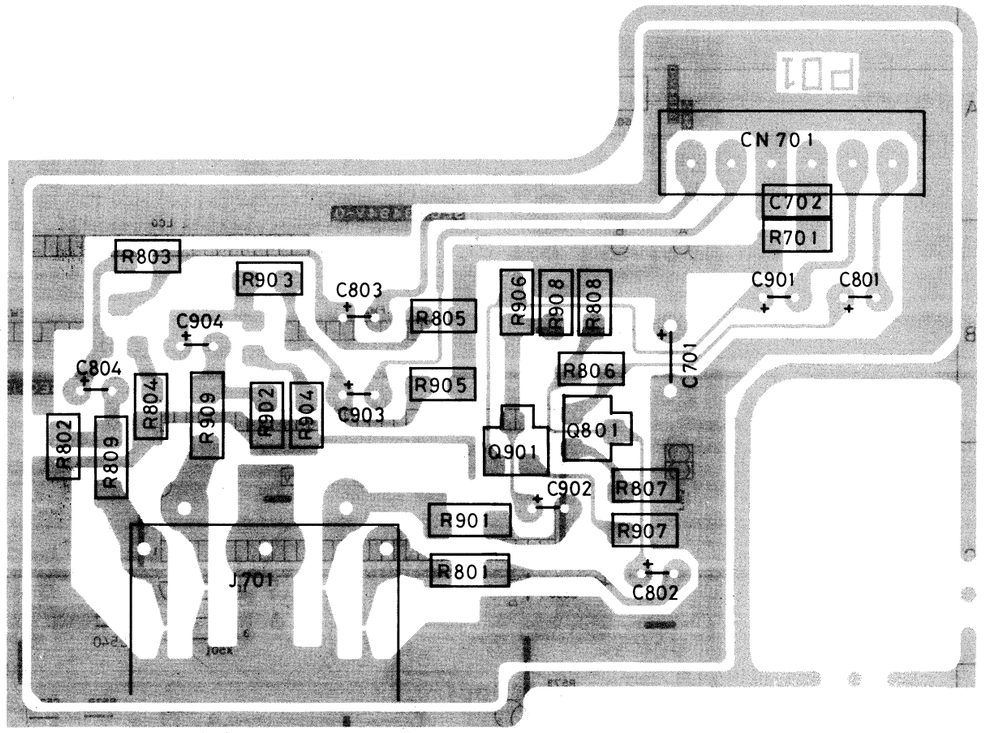
⚠	REF. NO	PARTS NO.	PARTS NAME
	C341	QETB1EM-477N	E.CAPACITOR
	C342	QCC31EM-683ZV	C.CAPACITOR
	C343	QETC1AM-476ZM	E.CAPACITOR
	C344	QCVB1CM-103Y	C.CAPACITOR
	C345	QCC31EM-104ZV	C.CAPACITOR
	C346	QETC1AM-226ZM	E.CAPACITOR
	C347	QCVB1CM-103Y	C.CAPACITOR
	C348	QCC31EM-103ZV	C.CAPACITOR
	C349	QCXB1CM-682Y	C.CAPACITOR
	C350	QETC1AM-107ZM	E.CAPACITOR
	C354	QCC31EM-683ZV	C.CAPACITOR
	C355	QCC31EM-683ZV	C.CAPACITOR
	C356	QCC31EM-683ZV	C.CAPACITOR
	C357	QCC31EM-683ZV	C.CAPACITOR
	C358	QCBB1HK-471Y	C.CAPACITOR
	C360	QETC1AM-227ZM	E.CAPACITOR
	C364	QETC1HM-475ZM	E.CAPACITOR
	C365	QETC1AM-476ZM	E.CAPACITOR
	D101	HSS104TJ	SI DIODE
	D102	HSS104TJ	SI DIODE
	D301	HSS104TJ	SI DIODE
	D302	HSS104TJ	SI DIODE
	D303	HSS104TJ	SI DIODE
	D304	HSS104TJ	SI DIODE
	D305	HSS104TJ	SI DIODE
	D306	HSS104TJ	SI DIODE
	D307	HSS104TJ	SI DIODE
	D308	MA700-TA	ZENER DIODE
	D309	MA700-TA	ZENER DIODE
	D310	MA700-TA	ZENER DIODE
	D311	HSS104TJ	SI DIODE
	D312	MA700-TA	ZENER DIODE
	D313	MA700-TA	ZENER DIODE
	D314	MA700-TA	ZENER DIODE
	D315	HZ7C1	Z DIODE
	D321	S4VB10	SI DIODE
	D323	HSS104TJ	SI DIODE
	D324	HZ6B1	S DIODE
	D326	HSS104TJ	SI DIODE
	D328	HSS104TJ	SI DIODE
	IC301	TA7739P	IC
	IC302	LA3220	IC
	IC303	BA1104LS	IC
	IC304	LA4508	IC
	IC305	LA4508	IC
	IC306	BA3823LS	IC
	J301	QMS3501-016B	JACK
	J302	QMS3507-001H	JACK
	J303	EMB90YV-401A	SPK.TERMINAL
	J304	QMC0362-002	AC SOCKET
	LC301	VQZ0020-001	LOW PASS FILTER
	L101	VQP0001-183S	INDUCTOR
	L102	VQP0001-562S	INDUCTOR
	L201	VQP0001-183S	INDUCTOR
	L202	VQP0001-562S	INDUCTOR
	L301	VQH1009-026	OSC COIL
	Q101	2SC2785(E,F)-T	TRANSISTOR
	Q102	2SC2785(E,F)-T	TRANSISTOR
	Q103	2SC2785(E,F)-T	TRANSISTOR
	Q104	2SD1302(S,T)TA	TR.I/M
	Q105	2SC2785(E,F)-T	TRANSISTOR
	Q201	2SC2785(E,F)-T	TRANSISTOR
	Q202	2SC2785(E,F)-T	TRANSISTOR
	Q203	2SC2785(E,F)-T	TRANSISTOR
	Q204	2SD1302(S,T)TA	TR.I/M
	Q205	2SC2785(E,F)-T	TRANSISTOR
	Q301	2SC2785(E,F)-T	TRANSISTOR
	Q302	2SC2785(E,F)-T	TRANSISTOR
	Q303	2SC2785(E,F)-T	TRANSISTOR
	Q304	2SC2785(E,F)-T	TRANSISTOR
	Q305	2SC2785(E,F)-T	TRANSISTOR
	Q306	2SK301(P,Q)TA	FET I/M
	Q307	2SB772(Q,P)	TRANSISTOR
	Q308	2SC2001(L,K)-T	TRANSISTOR
	Q309	2SC2785(E,F)-T	TRANSISTOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	Q310	2SB941(P)	TRANSISTOR
	Q311	2SC2785(E,F)-T	TRANSISTOR
	Q314	2SC2785(E,F)-T	TRANSISTOR
	R101	QRD161J-334YT	C RESISTOR
	R102	QRD161J-682YT	C RESISTOR
	R103	QRD161J-562YT	C RESISTOR
	R104	QRD161J-682YT	C RESISTOR
	R105	QRD144J-183S	C RESISTOR
	R106	QRD161J-473YT	C RESISTOR
	R107	QRD161J-473YT	C RESISTOR
	R108	QRD161J-332YT	C RESISTOR
	R109	QRD161J-473YT	C RESISTOR
	R110	QRD161J-123YT	C RESISTOR
	R111	QRD161J-154YT	C RESISTOR
	R112	QRD161J-823YT	C RESISTOR
	R113	QRD161J-102YT	C RESISTOR
	R114	QRD161J-121YT	C RESISTOR
	R115	QRD161J-221YT	C RESISTOR
	R116	QRD161J-473YT	C RESISTOR
	R117	QRD161J-223YT	C RESISTOR
	R118	QRD161J-681YT	C RESISTOR
	R119	QRD161J-682YT	C RESISTOR
	R120	QRD161J-434YT	C RESISTOR
	R121	QRD161J-824YT	C RESISTOR
	R122	QRD161J-332YT	C RESISTOR
	R123	QRD161J-473YT	C RESISTOR
	R124	QRD161J-223YT	C RESISTOR
	R125	QRD161J-393YT	C RESISTOR
	R126	QRD161J-123YT	C RESISTOR
	R127	QRD161J-472YT	C RESISTOR
	R128	QRD161J-123YT	C RESISTOR
	R129	QRD161J-104YT	C RESISTOR
	R131	QRD161J-123YT	C RESISTOR
	R132	QRD161J-393YT	C RESISTOR
	R135	QRD161J-473YT	C RESISTOR
	R137	QRD161J-2R2YT	C RESISTOR
	R138	QRD161J-2R2YT	C RESISTOR
	R139	QRD161J-102YT	C RESISTOR
	R140	QRD161J-820YT	C RESISTOR
	R141	QRD161J-820YT	C RESISTOR
	R142	QRD161J-681YT	C RESISTOR
	R143	QRD161J-104YT	C RESISTOR
	R146	QRD161J-104YT	C RESISTOR
	R149	QRD161J-221YT	C RESISTOR
	R201	QRD161J-334YT	C RESISTOR
	R202	QRD161J-682YT	C RESISTOR
	R203	QRD161J-562YT	C RESISTOR
	R204	QRD161J-682YT	C RESISTOR
	R205	QRD144J-183S	C RESISTOR
	R206	QRD161J-473YT	C RESISTOR
	R207	QRD161J-473YT	C RESISTOR
	R208	QRD161J-332YT	C RESISTOR
	R209	QRD161J-473YT	C RESISTOR
	R210	QRD161J-123YT	C RESISTOR
	R211	QRD161J-154YT	C RESISTOR
	R212	QRD161J-823YT	C RESISTOR
	R213	QRD161J-102YT	C RESISTOR
	R214	QRD161J-121YT	C RESISTOR
	R215	QRD161J-221YT	C RESISTOR
	R216	QRD161J-473YT	C RESISTOR
	R217	QRD161J-223YT	C RESISTOR
	R218	QRD161J-681YT	C RESISTOR
	R219	QRD161J-682YT	C RESISTOR
	R220	QRD161J-434YT	C RESISTOR
	R221	QRD161J-824YT	C RESISTOR
	R222	QRD161J-332YT	C RESISTOR
	R223	QRD161J-473YT	C RESISTOR
	R224	QRD161J-223YT	C RESISTOR
	R225	QRD161J-393YT	C RESISTOR
	R226	QRD161J-123YT	C RESISTOR
	R227	QRD161J-472YT	C RESISTOR
	R228	QRD161J-123YT	C RESISTOR
	R229	QRD161J-104YT	C RESISTOR
	R231	QRD161J-123YT	C RESISTOR
	R232	QRD161J-393YT	C RESISTOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	R235	QRD161J-473YT	C RESISTOR
	R237	QRD161J-2R2YT	C RESISTOR
	R238	QRD161J-2R2YT	C RESISTOR
	R239	QRD161J-102YT	C RESISTOR
	R240	QRD161J-820YT	C RESISTOR
	R241	QRD161J-820YT	C RESISTOR
	R242	QRD161J-681YT	C RESISTOR
	R243	QRD161J-104YT	C RESISTOR
	R246	QRD161J-104YT	C RESISTOR
	R249	QRD161J-221YT	C RESISTOR
	R301	QRD161J-334YT	C RESISTOR
	R302	QRD161J-120YT	C RESISTOR
	R303	QRD161J-332YT	C RESISTOR
	R305	QRD161J-561YT	C RESISTOR
	R306	QRD161J-102YT	C RESISTOR
	R307	QRD161J-103YT	C RESISTOR
	R308	QRD161J-101YT	C RESISTOR
	R309	QRD161J-102YT	C RESISTOR
	R311	QRD161J-221YT	C RESISTOR
	R313	QRD161J-123YT	C RESISTOR
	R314	QRD161J-154YT	C RESISTOR
	R315	QRD161J-154YT	C RESISTOR
	R316	QRD161J-472YT	C RESISTOR
	R317	QRD161J-472YT	C RESISTOR
	R318	QRD161J-222YT	C RESISTOR
	R319	QRD161J-223YT	C RESISTOR
	R320	QRD161J-223YT	C RESISTOR
	R321	QRD161J-103YT	C RESISTOR
	R322	QRD161J-222YT	C RESISTOR
	R323	QRD161J-472YT	C RESISTOR
	R324	QRD161J-222YT	C RESISTOR
	R325	QRD161J-223YT	C RESISTOR
	R326	QRD161J-223YT	C RESISTOR
	R327	QRD161J-102YT	C RESISTOR
	R328	QRD141J-470S	C RESISTOR
	R329	QRD161J-103YT	C RESISTOR
	R330	QRD144J-271S	C RESISTOR
	R331	QRD161J-681YT	C RESISTOR
	R333	QRD161J-103YT	C RESISTOR
	R335	QRD144J-105S	C.RESISTOR
	R336	QRD167J-392	C RESISTOR
	R337	QRD161J-222YT	C RESISTOR
	R338	QRD161J-221YT	C RESISTOR
	R339	QRD161J-563YT	C RESISTOR
	R341	QRD161J-104YT	C RESISTOR
	R342	QRD161J-104YT	C RESISTOR
	R343	QRD161J-393YT	C RESISTOR
	R344	QRD161J-393YT	C RESISTOR
	R345	QRD161J-102YT	C RESISTOR
	R346	QRD161J-102YT	C RESISTOR
	R347	QRD161J-223YT	C RESISTOR
	R348	QRD161J-223YT	C RESISTOR
	R349	QRD161J-563YT	C RESISTOR
	R350	QRD161J-2R2YT	C RESISTOR
	R351	QRD161J-2R2YT	C RESISTOR
	R352	QRD161J-2R2YT	C RESISTOR
	R353	QRD161J-2R2YT	C RESISTOR
	R354	QRD161J-563YT	C RESISTOR
	R355	QRD161J-222YT	C RESISTOR
	R356	QRD161J-561YT	C RESISTOR
	R357	QRD161J-120YT	C RESISTOR
	R358	QRD161J-222YT	C RESISTOR
	R359	QRD144J-331S	C RESISTOR
	R364	QRD161J-562YT	C RESISTOR
	R365	QRD161J-2R2YT	C RESISTOR
	R366	QRD161J-101YT	C RESISTOR
	R368	QRD161J-475YT	C RESISTOR
	R369	QRD161J-475YT	C RESISTOR
	R370	QRD161J-103YT	C RESISTOR
	R371	QRD161J-103YT	C RESISTOR
	R372	QRD161J-103YT	C RESISTOR
	R373	QRD161J-103YT	C RESISTOR
	R374	QRD161J-681YT	C RESISTOR
	R376	QRD161J-102YT	C RESISTOR
	R377	QRD161J-101YT	C RESISTOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	R378	QRD161J-562YT	C RESISTOR
	R379	QRD161J-473YT	C RESISTOR
	R380	QRD161J-104YT	C RESISTOR
	S301	QSTM101-V05	PUSH SW
	S302	QSTM101-V05	PUSH SW
	S303	QSTM101-V05	PUSH SW
	S304	QSS1F43-V03	SLIDE SW
	S305	QSS1G62-V01	SLIDE SWITCH
	S306	QSS1301-101	SLIDE SWITCH
	S307	QST8101-V01	PUSH SW
	S308	QSTM101-V05	PUSH SW
	VR101	QVPA603-103	V RESISTOR
	VR102	QVPA603-103	V RESISTOR
	VR103	QVPA603-103	V RESISTOR
	VR104	QVPA601-104	V.RESISTOR
	VR105	QVDB17A-V01	V RESISTOR
	VR106	QVXB1FG-V15	V.RESISTOR
	VR107	QVXB1FG-V15	V.RESISTOR
	VR108	QVXB1FG-V15	V.RESISTOR
	VR109	QVXB1FG-V15	V.RESISTOR
	VR110	QVXB1FG-V15	V.RESISTOR
	VR201	QVPA603-103	V RESISTOR
	VR202	QVPA603-103	V RESISTOR
	VR203	QVPA603-103	V RESISTOR
	VR204	QVPA601-104	V.RESISTOR
	VR205	QVDB17A-V01	V RESISTOR
	VR206	QVXB1FG-V15	V.RESISTOR
	VR207	QVXB1FG-V15	V.RESISTOR
	VR208	QVXB1FG-V15	V.RESISTOR
	VR209	QVXB1FG-V15	V.RESISTOR
	VR210	QVXB1FG-V15	V.RESISTOR
	VR301	QVPA603-202	V RESISTOR

■ Din Board (G Version)



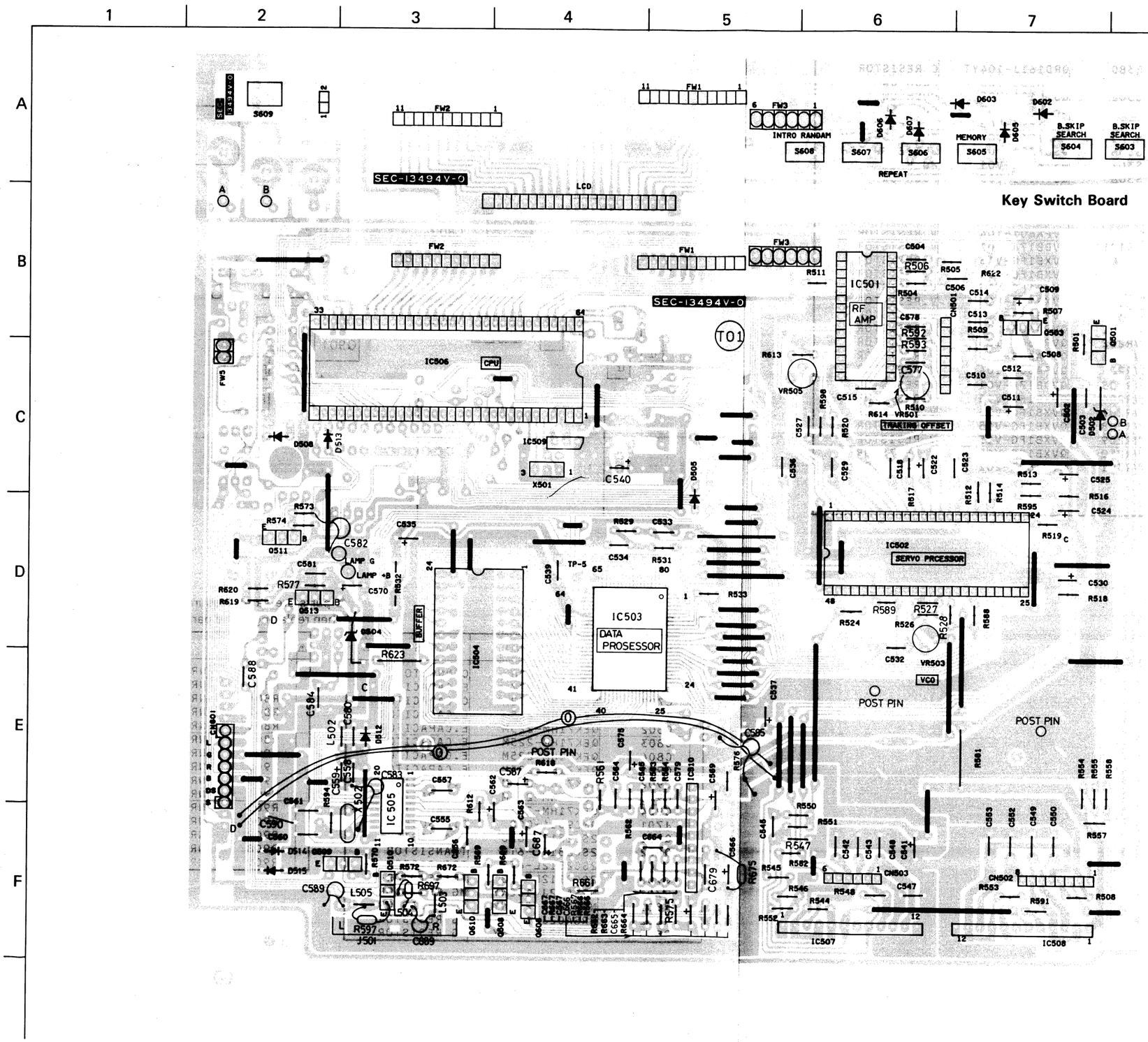
Din Board Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF. NO	PARTS NO.	PARTS NAME
	CN701	QMV5012-006	CONNECTOR
	C701	QEK40JM-227	E.CAPACITOR
	C702	NCB21HK-102AY	C CAPACITOR
	C801	QEK71HM-225M	E.CAPACITOR
	C802	QEK71HM-225M	E.CAPACITOR
	C803	QEK71HM-225M	E.CAPACITOR
	C804	QEK71HM-225M	E.CAPACITOR
	C901	QEK71HM-225M	E.CAPACITOR
	C902	QEK71HM-225M	E.CAPACITOR
	C903	QEK71HM-225M	E.CAPACITOR
	C904	QEK71HM-225M	E.CAPACITOR
	J701	QMC9014-008	DIN SOCKET
	Q801	2SC2812L-6TB	TRANSISTOR
	Q802	2SC2812L-6TB	TRANSISTOR
	Q901	2SC2812L-6TB	TRANSISTOR
	Q902	2SC2812L-6TB	TRANSISTOR
	R701	NRSA02J-152NY	MG RESISTOR
	R801	NRS181J-222NY	MG RESISTOR
	R802	NRSA02J-103NY	MG RESISTOR
	R803	NRSA02J-225NY	MG RESISTOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	R804	NRSA02J-681NY	MG RESISTOR
	R805	NRSA02J-153NY	MG RESISTOR
	R806	NRSA02J-824NY	MG RESISTOR
	R807	NRSA02J-331NY	MG RESISTOR
	R808	NRSA02J-332NY	MG RESISTOR
	R809	NRS181J-222NY	MG RESISTOR
	R901	NRS181J-222NY	MG RESISTOR
	R902	NRSA02J-103NY	MG RESISTOR
	R903	NRSA02J-225NY	MG RESISTOR
	R904	NRSA02J-681NY	MG RESISTOR
	R905	NRSA02J-153NY	MG RESISTOR
	R906	NRSA02J-824NY	MG RESISTOR
	R907	NRSA02J-331NY	MG RESISTOR
	R908	NRSA02J-332NY	MG RESISTOR
	R909	NRS181J-222NY	MG RESISTOR

■ CD Board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CPU
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X501
C540
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SERVO PROCESSOR
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D Board

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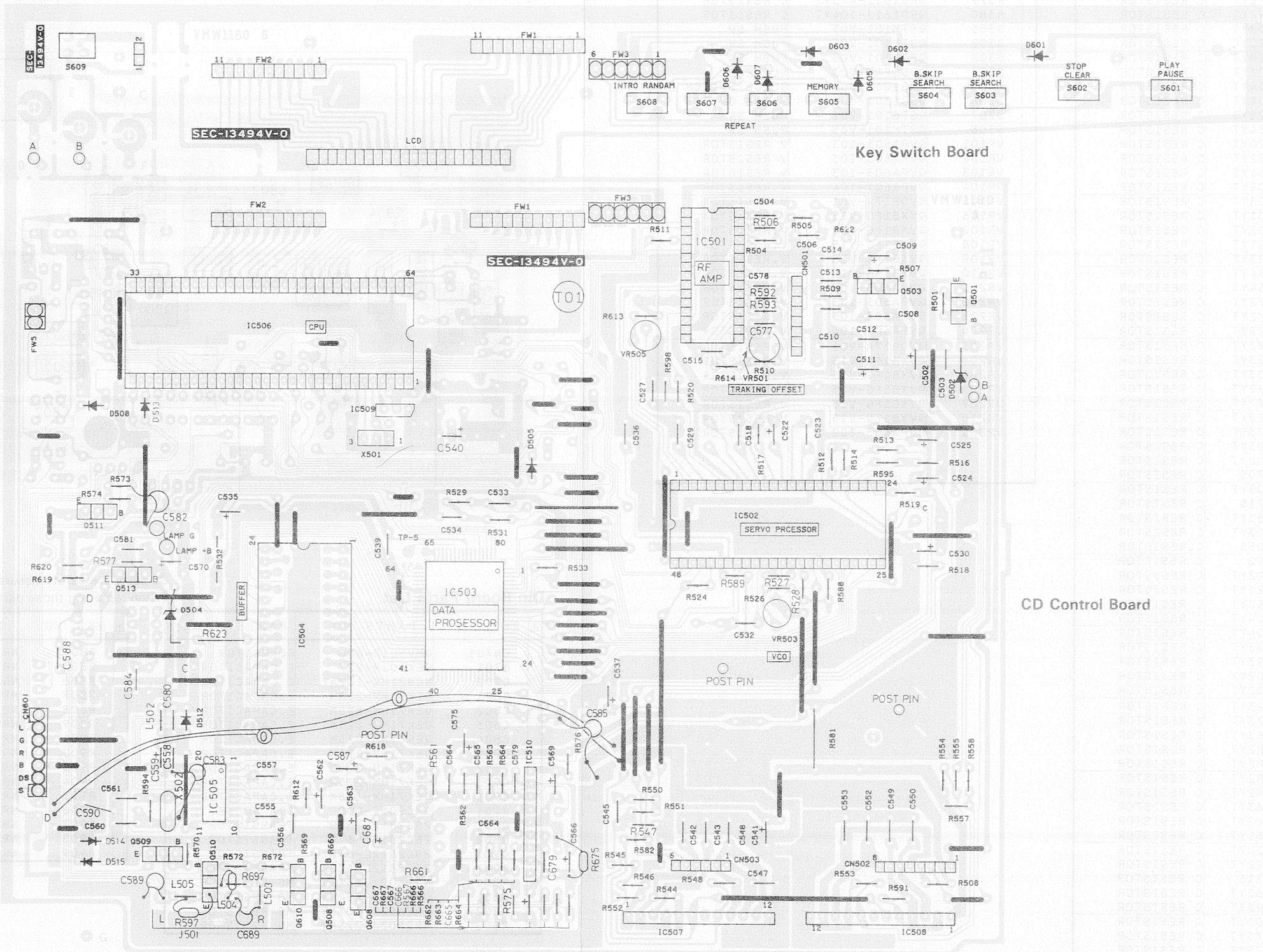


CD Control Board

CD Board Parts List

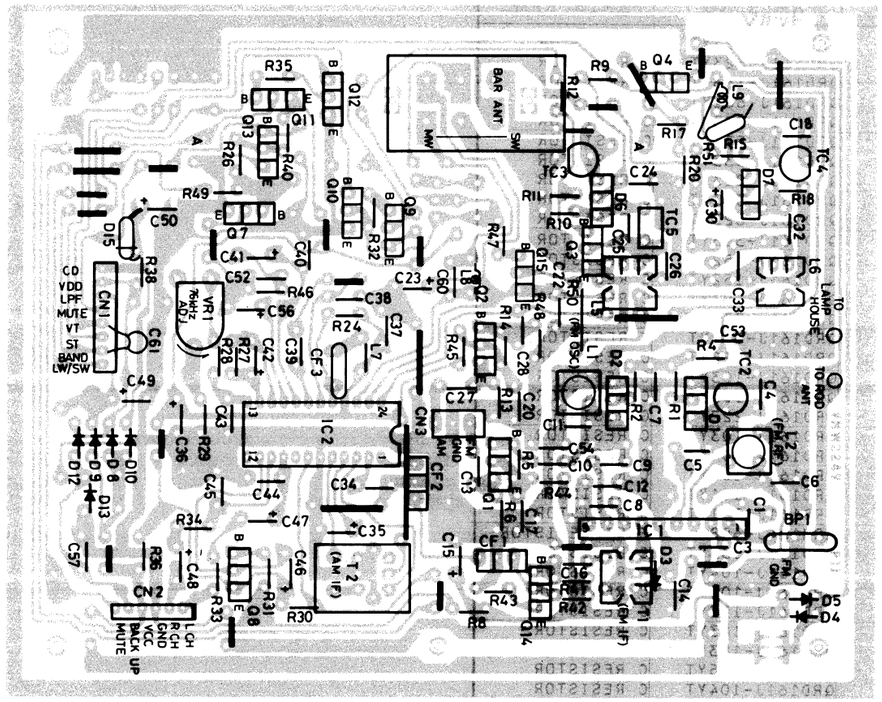
⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF. NO	PARTS NO.	PARTS NAME
	R675	QRD161J-103	CARBON RESISTOR
	CN601	E04365-007S	CONNECTOR
	C502	QETC1AM-476ZN	E.CAPACITOR
	C503	QCC31EM-223ZV	C.CAPACITOR
	C504	QCXB1CM-472Y	C.CAPACITOR
	C506	QCS31HJ-270Z	C.CAPACITOR
	C508	QCC31EM-103ZV	C.CAPACITOR
	C509	QETB1AM-107N	E.CAPACITOR
	C510	QCC31EM-223ZV	C.CAPACITOR
	C511	QETC1AM-476ZN	E.CAPACITOR
	C512	QCC31EM-223ZV	C.CAPACITOR
	C513	QCC31EM-103ZV	C.CAPACITOR
	C514	QCC31EM-333ZV	C.CAPACITOR
	C515	QCC31EM-333ZV	C.CAPACITOR
	C518	QFV71HJ-333ZM	TF.CAPACITOR
	C522	QETC1HM-475ZN	E.CAPACITOR
	C523	QFV71HJ-154ZM	TF.CAPACITOR
	C524	QETC1AM-476ZN	E.CAPACITOR
	C525	QETC1HM-475ZN	E.CAPACITOR
	C527	QCY31HK-472Z	C.CAPACITOR
	C529	QCY31HK-222Z	C.CAPACITOR
	C530	QETC1AM-476ZN	E.CAPACITOR
	C532	QCY31HK-102Z	C.CAPACITOR
	C533	QCVB1CN-103Y	C.CAPACITOR
	C534	QCVB1CN-103Y	C.CAPACITOR
	C535	QETC1AM-476ZN	E.CAPACITOR
	C536	QFV71HJ-103ZM	TF.CAPACITOR
	C537	QETC1HM-475ZN	E.CAPACITOR
	C539	QCC31EM-473ZV	C.CAPACITOR
	C540	QETC1AM-476ZN	E.CAPACITOR
	C541	QETC1AM-477ZN	E.CAPACITOR
	C542	QCC31EM-104ZV	C.CAPACITOR
	C543	QCC31EM-104ZV	C.CAPACITOR
	C545	QFV71HJ-224ZM	TF.CAPACITOR
	C547	QCC31EM-104ZV	C.CAPACITOR
	C548	QCC31EM-104ZV	C.CAPACITOR
	C549	QCC31EM-104ZV	C.CAPACITOR
	C550	QCC31EM-104ZV	C.CAPACITOR
	C552	QCC31EM-104ZV	C.CAPACITOR
	C553	QCC31EM-104ZV	C.CAPACITOR
	C555	QFN31HJ-472Z	M.CAPACITOR
	C556	QCVB1CN-103Y	C.CAPACITOR
	C557	QFN31HJ-472Z	M.CAPACITOR
	C558	QCVB1CN-103Y	C.CAPACITOR
	C559	QETC1AM-107ZN	E.CAPACITOR
	C560	QCSB1HJ-470Y	C.CAPACITOR
	C561	QCSB1HJ-300Y	C CAPACITOR
	C562	QETC1AM-476ZN	E.CAPACITOR
	C563	QETA1AM-337N	E CAPACITOR
	C564	QCY31HK-562Z	C.CAPACITOR
	C565	QCXB1CM-392Y	C.CAPACITOR
	C566	QETC1HM-105ZN	E.CAPACITOR
	C567	QCC31EM-123ZV	C.CAPACITOR
	C569	QETC1AM-476ZN	E.CAPACITOR
	C570	QETC1AM-227ZN	E.CAPACITOR
	C575	QETC1AM-226ZN	E.CAPACITOR
	C577	QCBB1HK-101Y	C.CAPACITOR
	C578	QCBB1HK-821Y	C.CAPACITOR
	C579	QCSB1HJ-560Y	C.CAPACITOR
	C580	QCBB1HK-221Y	C.CAPACITOR
	C581	QCC31EM-223ZV	C.CAPACITOR
	C582	QCC11EM-104V	C CAPACITOR
	C583	QCS11HJ-220	C.CAPACITOR
	C585	QCY41HK-102	C.CAPACITOR
	C587	QETA1HM-475N	E CAPACITOR
	C588	QCC11EM-473V	C.CAPACITOR
	C589	QCS11HJ-151	C.CAPACITOR
	C590	QCY41HK-332	C.CAPACITOR
	C664	QCY31HK-562Z	C.CAPACITOR
	C665	QCXB1CM-392Y	C.CAPACITOR

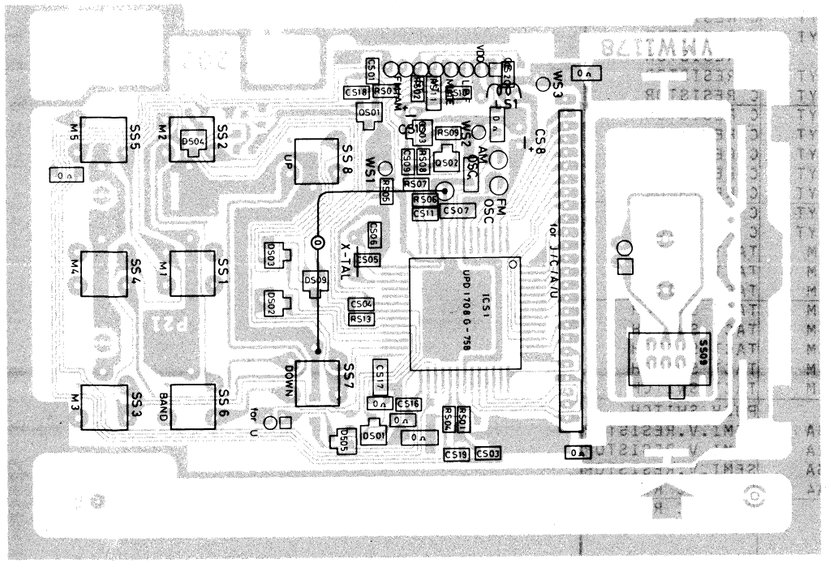
⚠	REF. NO	PARTS NO.	PARTS NAME
	C666	QETC1HM-105ZN	E.CAPACITOR
	C667	QCC31EM-123ZV	C.CAPACITOR
	C679	QCSB1HJ-560Y	C.CAPACITOR
	C687	QETA1HM-475N	E CAPACITOR
	C689	QCS11HJ-151	C.CAPACITOR
	D502	HZ6B2	ZENER DIODE
	D504	HZ6B2	ZENER DIODE
	D505	1SS254T-77	SI DIODE
	D508	1SS254T-77	SI DIODE
	D512	1SS254T-77	SI DIODE
	D513	1SS254T-77	SI DIODE
	D514	1SS254T-77	SI DIODE
	D515	1SS254T-77	SI DIODE
	D601	1SS254T-77	SI DIODE
	D602	1SS254T-77	SI DIODE
	D603	1SS254T-77	SI DIODE
	D605	1SS254T-77	SI DIODE
	D606	1SS254T-77	SI DIODE
	D607	1SS254T-77	SI DIODE
	IC503	CX23035	IC
	IC504	CXK5816PN-15L	I.C
	IC505	VC4091F	IC
	IC506	MN157451AJRQ-1	IC
	IC507	BA6290	IC
	IC508	BA6290	IC
	IC509	MN1280(S)	IC
	IC510	AN6555	I.C
	J501	VMJ3009-001	JACK ASSY
	LCD2	VGL1046-001	LCD
	L502	VQP0018-151	INDUCTOR
	L503	VQC1304-001	COIL
	L504	VQP0018-1R5	INDUCTOR
	L505	VQP0018-1R5	INDUCTOR
	PL501	VGZ0001-028	P.LAMP
	Q501	2SC2001(L,K)-T	TRANSISTOR
	Q503	2SA952(L,K)-T	TRANSISTOR
	Q508	2SC2785(HFE)-T	TRANSISTOR
	Q509	2SA1175(HFE)-T	TRANSISTOR
	Q510	2SC2785(HFE)-T	TRANSISTOR
	Q511	2SA1175(HFE)-T	TRANSISTOR
	Q513	2SC2001(L,K)-T	TRANSISTOR
	Q608	2SC2785(HFE)-T	TRANSISTOR
	Q610	2SC2785(HFE)-T	TRANSISTOR
	R501	QRD161J-561YT	C RESISTOR
	R504	QRD161J-123YT	C RESISTOR
	R505	QRD161J-562YT	C RESISTOR
	R506	QRD161J-472YT	C RESISTOR
	R507	QRD161J-100YT	C RESISTOR
	R508	QRD161J-820YT	C RESISTOR
	R509	QRD161J-102YT	C RESISTOR
	R510	QRD161J-822YT	C RESISTOR
	R511	QRD161J-102YT	C RESISTOR
	R512	QRD161J-104YT	C RESISTOR
	R513	QRD161J-152YT	C RESISTOR
	R514	QRD161J-562YT	C RESISTOR
	R516	QRD161J-473YT	C RESISTOR
	R517	QRD161J-104YT	C RESISTOR
	R518	QRD161J-104YT	C RESISTOR
	R519	QRD161J-514YT	C RESISTOR
	R520	QRD161J-123YT	C RESISTOR
	R524	QRD161J-104YT	C RESISTOR
	R526	QRD161J-332YT	C RESISTOR
	R527	QRD161J-224YT	C RESISTOR
	R528	QRD161J-103YT	C RESISTOR
	R529	QRD161J-104YT	C RESISTOR
	R531	QRD161J-103YT	C RESISTOR
	R532	QRZ0052-100	C RESISTOR
	R533	QRD161J-104YT	C RESISTOR
	R544	QRD161J-223YT	C RESISTOR
	R545	QRD161J-333YT	C RESISTOR

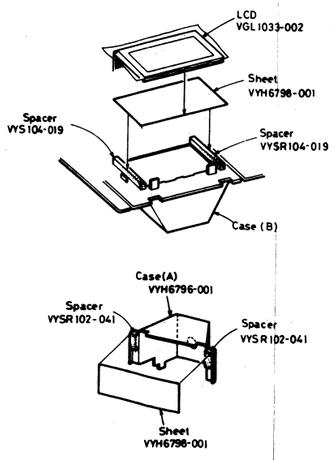
⚠	REF. NO	PARTS NO.	PARTS NAME
	R546	QRD161J-823YT	C RESISTOR
	R547	QRD161J-823YT	C RESISTOR
	R548	QRD161J-153YT	C RESISTOR
	R550	QRD161J-681YT	C RESISTOR
	R551	QRD161J-333YT	C RESISTOR
	R552	QRD161J-823YT	C RESISTOR
	R553	QRD161J-333YT	C RESISTOR
	R554	QRD161J-823YT	C RESISTOR
	R555	QRD161J-333YT	C RESISTOR
	R557	QRD161J-823YT	C RESISTOR
	R558	QRD161J-333YT	C RESISTOR
	R561	QRD161J-152YT	C RESISTOR
	R562	QRD161J-152YT	C RESISTOR
	R563	QRD161J-103YT	C RESISTOR
	R564	QRD161J-333YT	C RESISTOR
	R566	QRD161J-332YT	C RESISTOR
	R567	QRD161J-122YT	C RESISTOR
	R569	QRD161J-103YT	C RESISTOR
	R570	QRD161J-103YT	C RESISTOR
	R572	QRD161J-222YT	C RESISTOR
	R573	QRD161J-103YT	C RESISTOR
	R574	QRD161J-104YT	C RESISTOR
	R575	QRD161J-103YT	C RESISTOR
	R576	QRD161J-101YT	C RESISTOR
	R577	QRD161J-331YT	C RESISTOR
	R581	QRH124J-6R8	FUSI RESISTOR
	R582	QRD161J-333YT	C RESISTOR
	R588	QRD161J-104YT	C RESISTOR
	R589	QRD161J-104YT	C RESISTOR
	R591	QRD161J-153YT	C RESISTOR
	R592	QRD161J-183YT	C RESISTOR
	R593	QRD161J-183YT	C RESISTOR
	R594	QRD161J-105YT	C RESISTOR
	R595	QRD161J-104YT	C RESISTOR
	R598	QRD161J-472YT	C RESISTOR
	R612	QRD161J-183YT	C RESISTOR
	R613	QRD161J-103YT	C RESISTOR
	R614	QRD161J-682YT	C RESISTOR
	R618	QRD161J-101YT	C RESISTOR
	R619	QRD161J-331YT	C RESISTOR
	R620	QRD161J-561YT	C RESISTOR
	R622	QRD161J-103YT	C RESISTOR
	R623	QRD161J-331	C RESISTOR
	R661	QRD161J-152YT	C RESISTOR
	R662	QRD161J-152YT	C RESISTOR
	R663	QRD161J-103YT	C RESISTOR
	R664	QRD161J-333YT	C RESISTOR
	R666	QRD161J-332YT	C RESISTOR
	R667	QRD161J-122YT	C RESISTOR
	R669	QRD161J-103YT	C RESISTOR
	R672	QRD161J-222YT	C RESISTOR
	R697	QRD161J-102YT	C RESISTOR
	S601	QSP0301-003M	TACT SWITCH
	S602	QSP0301-003M	TACT SWITCH
	S603	QSP0301-003M	TACT SWITCH
	S604	QSP0301-003M	TACT SWITCH
	S605	QSP0301-003M	TACT SWITCH
	S606	QSP0301-003M	TACT SWITCH
	S607	QSP0301-003M	TACT SWITCH
	S608	QSP0301-003M	TACT SWITCH
	S609	QSP2K21-V01	PUSH SWITCH
	VR501	QVPA603-203A	SEMI.V.RESISTOR
	VR503	QVPA603-222A	SEMI.V.RESISTOR
	VR505	QVPA603-203A	SEMI.V.RESISTOR
	X501	EFO-FC4194A4	CERAMIC RESONAT
	X502	CSA8.46MT	CERAMIC RESONAT

■ Tuner Board (A Version)



■ DTS Board (A Version)





Tuner Board Parts List (A Version)

⚠	REF. NO	PARTS NO.	PARTS NAME
	BP01	VBP4M3B-005	BP FILTER
	CN01	VMC0106-008	CONNECTOR
	CN03	QMV5011-003	CONNECTOR
	C001	QCSB1HJ-200Y	C CAPACITOR
	C003	QCBB1HK-102Y	C.CAPACITOR
	C004	QCS31HJ-100Z	C.CAPACITOR
	C005	QCSB1HK-5R6Y	C CAPACITOR
	C006	QCF31HP-103Z	C.CAPACITOR
	C007	QCC31EM-473ZV	C.CAPACITOR
	C008	QCT30CH-100Y	C.CAPACITOR
	C009	QCT30CH-200Y	C.CAPACITOR
	C010	QCT30CH-2R2Y	C.CAPACITOR
	C011	QCT30CH-150Y	C.CAPACITOR
	C012	QCF31HP-103Z	C.CAPACITOR
	C013	QCBB1HK-102Y	C.CAPACITOR
	C014	QCF31HP-103Z	C.CAPACITOR
	C015	QETC1CM-1062N	E.CAPACITOR
	C016	QCVB1CN-103Y	C.CAPACITOR
	C017	QCF31HP-103Z	C.CAPACITOR
	C018	QCSB1HK-4R7Y	C.CAPACITOR
	C020	QCF31HP-223Z	C.CAPACITOR
	C022	QCF31HP-223Z	C.CAPACITOR
	C023	QETC1CM-106ZN	E.CAPACITOR
	C024	QCC31EM-473ZV	C.CAPACITOR
	C025	QFS41HJ-391	P.S.CAPACITOR
	C026	QCT30CH-2R2Y	C.CAPACITOR
	C027	QCF31HP-103Z	C.CAPACITOR
	C028	QCBB1HK-101Y	C.CAPACITOR
	C030	QETC1HM-104Z	E.CAPACITOR
	C032	QCY31HK-472Z	C.CAPACITOR
	C033	QCT30UJ-100Y	C CAPACITOR
	C034	QCC31EM-473ZV	C.CAPACITOR
	C035	QETC1AM-226ZN	E.CAPACITOR
	C036	QETC1AM-107ZN	E.CAPACITOR
	C037	QCC31EM-473ZV	C.CAPACITOR
	C038	QCXB1CM-222Y	C.CAPACITOR
	C039	QCC31EM-103ZV	C.CAPACITOR
	C040	QCBB1HK-331Y	C.CAPACITOR
	C041	QETC1HM-335ZN	E.CAPACITOR
	C042	QETC1HM-105ZN	E.CAPACITOR
	C043	QFS41HJ-102	P.S.CAPACITOR
	C044	QCC31EM-103ZV	C.CAPACITOR
	C045	QCC31EM-103ZV	C.CAPACITOR
	C046	QETC1HM-224ZN	E.CAPACITOR
	C047	QETC1HM-335ZN	E.CAPACITOR
	C048	QETC1HM-335ZN	E.CAPACITOR
	C049	QETCOJM-477ZN	E.CAPA.
	C050	VCE0004-002	SUPER CAP.
	C052	QCY41HK-222	C.CAPACITOR
	C053	QCSB1HJ-680Y	C CAPACITOR
	C054	QCBB1HK-471Y	C.CAPACITOR
	C056	QETC1HM-335ZN	E.CAPACITOR
	C057	QCC31EM-473ZV	C.CAPACITOR
	C060	QCSB1HK-6R8Y	C CAPACITOR
	C061	QCS11HJ-151	C.CAPACITOR
	C062	QCC11EM-104V	C CAPACITOR
	D001	KV1330	VARI CAP
	D002	KV1330	VARI CAP
	D003	MA165	SI DIODE
	D004	HSS104TJ	SI DIODE
	D005	HSS104TJ	SI DIODE
	D006	KV1250	VARI CAP
	D007	KV1250	VARI CAP
	D008	MA700-TA	ZENER DIODE
	D009	HSS104TJ	SI DIODE
	D010	HSS104TJ	SI DIODE
	D012	HSS104TJ	SI DIODE
	D013	HZ4C2	Z DIODE
	D015	MA165	SI DIODE
	IC01	AN7205	IC
	IC02	LA1810-K	IC
	L001	V03105-029	OSC COIL
	L002	VQF1B11-003	RF COIL
	L003	VQB010A-501	BAR ANTENA
	L004	VQB010A-501	BAR ANTENA
	L005	VQM7U02-402	OSC COIL(MW)
	L006	VQS7U01-304	OSC COIL
	L007	VQP0012-8R2	INDUCTOR
	L008	V03047-17	COIL
	L009	V03047-21	ANTENNA COIL
	Q001	2SC2668(D)E4	TR ﾃｰﾋﾟﾝｸﾞ
	Q002	2SC2839(E)AC	TR ﾃｰﾋﾟﾝｸﾞ
	Q003	2SC2839(E)AC	TR ﾃｰﾋﾟﾝｸﾞ
	Q004	2SC2668(D)E4	TR ﾃｰﾋﾟﾝｸﾞ
	Q007	2SC3330(S,T)AC	TRANSISTOR
	Q008	2SA1317(S,T)AC	TRANSISTOR
	Q009	2SA1317(S,T)AC	TRANSISTOR
	Q010	2SC3330(S,T)AC	TRANSISTOR
	Q011	2SA1317(S,T)AC	TRANSISTOR
	Q012	2SC3330(S,T)AC	TRANSISTOR
	Q013	2SC3330(S,T)AC	TRANSISTOR
	Q014	2SC2839(E)AC	TR ﾃｰﾋﾟﾝｸﾞ
	Q015	2SA733A(P,K)-T	TRANSISTOR
	R001	QRD161J-104YT	C RESISTOR
	R002	QRD161J-103YT	C RESISTOR
	R004	QRD161J-102YT	C RESISTOR
	R005	QRD161J-823YT	C RESISTOR
	R006	QRD161J-102YT	C RESISTOR
	R008	QRD161J-820YT	C RESISTOR
	R009	QRD161J-102YT	C RESISTOR

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF. NO	PARTS NO.	PARTS NAME
	R010	QRD161J-104YT	C RESISTOR
	R011	QRD161J-104YT	C RESISTOR
	R012	QRD161J-103YT	C RESISTOR
	R013	QRD161J-152YT	C RESISTOR
	R014	QRD161J-473YT	C RESISTOR
	R015	QRD161J-102YT	C RESISTOR
	R017	QRD161J-103YT	C RESISTOR
	R018	QRD161J-104YT	C RESISTOR
	R020	QRD161J-103YT	C RESISTOR
	R024	QRD161J-182YT	C RESISTOR
	R026	QRD161J-102YT	C RESISTOR
	R027	QRD161J-154YT	C RESISTOR
	R028	QRD161J-223YT	C RESISTOR
	R029	QRD161J-222YT	C RESISTOR
	R030	QRD161J-103YT	C RESISTOR
	R031	QRD161J-103YT	C RESISTOR
	R032	QRD161J-103YT	C RESISTOR
	R033	QRD161J-222YT	C RESISTOR
	R035	QRD161J-103YT	C RESISTOR
	R036	QRD161J-220YT	C RESISTOR
	R038	QRD161J-331YT	C RESISTOR
	R040	QRD161J-103YT	C RESISTOR
	R041	QRD161J-564YT	C RESISTOR
	R042	QRD161J-331YT	C RESISTOR
	R043	QRD161J-101YT	C RESISTOR
	R044	QRD161J-101YT	C RESISTOR
	R045	QRD161J-101YT	C RESISTOR
	R046	QRD161J-152YT	C RESISTOR
	R047	QRD161J-103YT	C RESISTOR
	R048	QRD161J-273YT	C RESISTOR
	R049	QRD161J-103YT	C RESISTOR
	R050	QRD161J-101	CARBON RESISTOR
	R051	QRD161J-273	CARBON RESISTOR
	R34	QRD161J-222YT	C RESISTOR
	TC02	QAT3620-100M	T CAPACITOR
	TC03	QAT3620-100M	T CAPACITOR
	TC04	QAT3620-100M	T CAPACITOR
	TC05	QAT3720-600M	T.CAPACITOR
	T001	VQT7F12-109	IFT
	T002	VQT7A21-103	IFT
	VR01	QVZ3512-103	V.RESISTOR

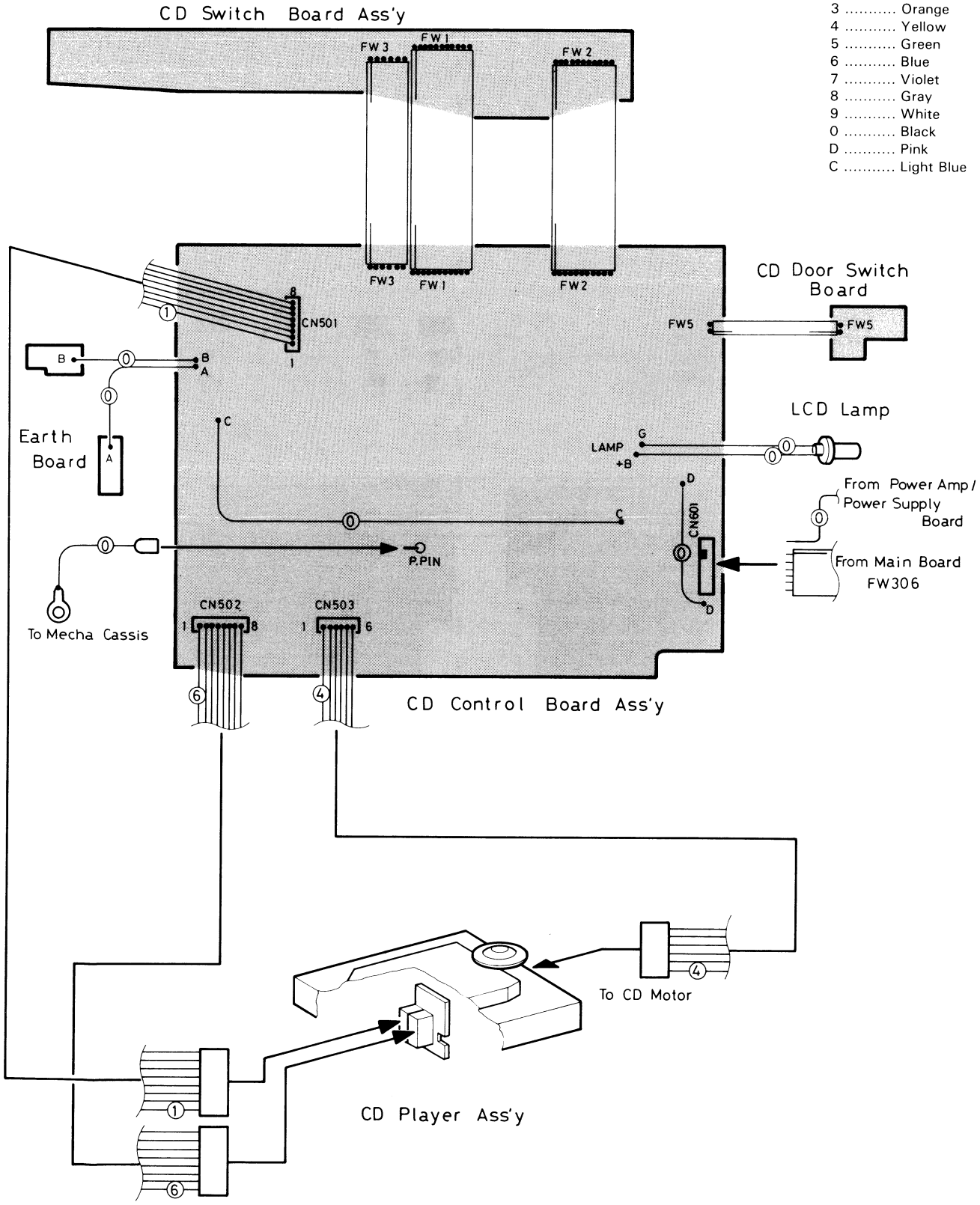
DTS Board Parts List (A Version)

⚠	REF. NO	PARTS NO.	PARTS NAME
	CS01	NCS21HJ-151AY	C.CAPACITOR
	CS03	NCB21EK-103AY	C CAPACITOR
	CS04	NCB21EK-103AY	C CAPACITOR
	CS05	NCS21HJ-121AY	C.CAPACITOR
	CS06	NCT21CH-220AY	C CAPACITOR
	CS07	QCF81EZ-224Y	C CAPACITOR
	CS08	QER40GM-476VM	E CAPACITOR
	CS09	NCB21HK-222AY	C CAPACITOR
	CS10	QER41HM-225VM	E.CAPACITOR
	CS11	NCB21EK-103AY	C CAPACITOR
	CS16	NCS21HJ-102AY	C.CAPACITOR
	CS17	QCS81HK-102Y	C CAPACITOR
	CS18	NCS21HJ-151AY	C.CAPACITOR
	CS19	NCB21EK-103AY	C CAPACITOR
	CS20	NCS21HJ-151AY	C.CAPACITOR
	DS01	MC2838W	DIODE
	DS02	MC2838W	DIODE
	DS03	MC2838W	DIODE
	DS04	MC2838W	DIODE
	DS05	MC2838W	DIODE
	DS09	MC2838W	DIODE
	ICS1	UPD1708G-758	IC
	LS01	VQP0012-471	INDUCTOR
	QS01	2SA1179M.6TB	TRANSISTOR
	QS02	2SC2812L-6TB	TRANSISTOR
	QS03	2SC2812L-6TB	TRANSISTOR
	RS01	NRSA02J-223NY	MG RESISTOR
	RS02	NRSA02J-152NY	MG RESISTOR
	RS03	NRSA02J-223NY	MG RESISTOR
	RS04	NRSA02J-223NY	MG RESISTOR
	RS05	NRSA02J-223NY	MG RESISTOR
	RS06	NRSA02J-332NY	MG RESISTOR
	RS07	NRSA02J-472NY	MG RESISTOR
	RS08	NRSA02J-102NY	MG RESISTOR
	RS09	NRSA02J-471NY	MG RESISTOR
	RS10	NRSA02J-332NY	MG RESISTOR
	RS11	NRS181J-102NY	MG RESISTOR
	RS13	NRSA02J-473NY	MG REGISTOR
	SS01	QSP0301-002M	TACT SWITCH
	SS02	QSP0301-002M	TACT SWITCH
	SS03	QSP0301-002M	TACT SWITCH
	SS04	QSP0301-002M	TACT SWITCH
	SS05	QSP0301-002M	TACT SWITCH
	SS06	QSP0301-002M	TACT SWITCH
	SS07	QSP0301-002M	TACT SWITCH
	SS08	QSP0301-002M	TACT SWITCH
	SS09	QSS7A12-V03	SLIDE SW
	X. tal	V472124-A0	CRYSTAL

Wiring Connections (1)

Color code are shown below.

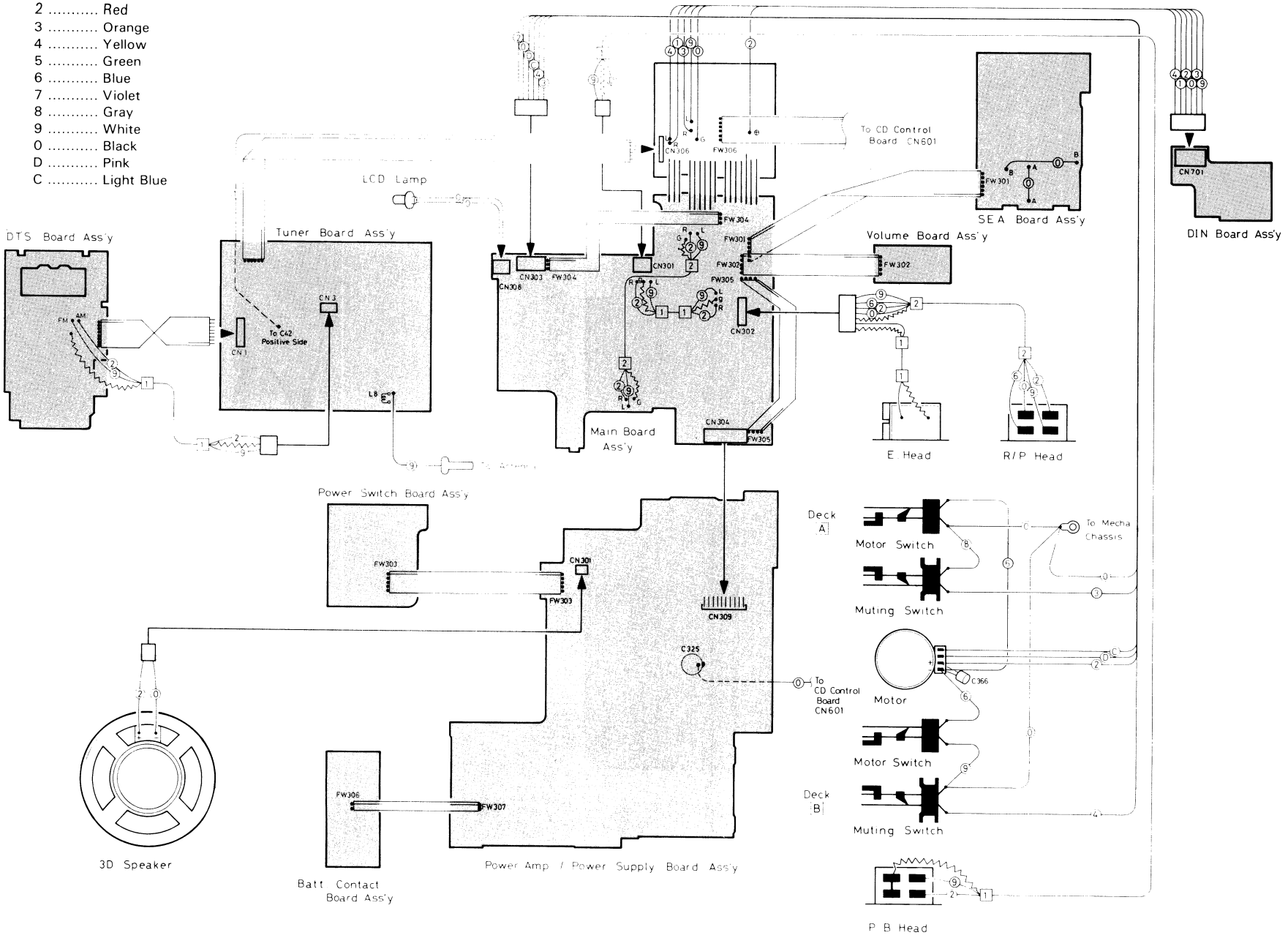
1 ..... Brown
2 ..... Red
3 ..... Orange
4 ..... Yellow
5 ..... Green
6 ..... Blue
7 ..... Violet
8 ..... Gray
9 ..... White
0 ..... Black
D ..... Pink
C ..... Light Blue



Wiring Connections (2)

Color code are shown below.

1 ..... Brown
2 ..... Red
3 ..... Orange
4 ..... Yellow
5 ..... Green
6 ..... Blue
7 ..... Violet
8 ..... Gray
9 ..... White
0 ..... Black
D ..... Pink
C ..... Light Blue



Comparison Table

Enclosure Assembly Parts List (PC-X300 G)

Ref. No.	Parts No. of E version	Parts No. of G version	Parts Name
1	VJC1735-002	VJC1735-004	Rear Cabinet
12	VYN7043-002	VYN7043-007	Name Plate
73	VJC1736-002	VJC1736-003	Front Cabinet
136	V44814-00B	———	Terminal Ass'y
—	———	VYH6266-001	DIN Bracket
—	———	SDST3008N	Screw for DIN Bracket

Enclosure Assembly Parts List (PC-X300 A)

Ref. No.	Parts No. of E version	Parts No. of A version	Parts Name
1	VJC1735-002	VJC1735-007	Rear Cabinet
12	VYN7043-002	VYN7043-006	Name Plate
75	VJD5157-002	VJD5157-004	LCD Lens(B)
—	———	VND4003-023	Fuse Label (500 mA/250 V)
—	———	VND4003-064	〃 (T2A)
—	———	VND4003-019	〃 (T2.5A)